



Examples of VERP Resource Protection Indicators, Standards and Monitoring

Zone: Primitive

Item Monitored: Non-maintained access routes to climb/area or into-out of canyon (Left & Right Forks of North Creek, Spry Canyon, Keyhole Canyon and Pine Creek).

Indicator : Soil loss

Standard: Route Cross Sectional Area =140 (39" wide X 4" deep) (using a moving average to analyze).

Monitoring Method and Schedule: Marion trail monitoring protocol (5-measurements per route) (consider photo point). Every year for identified problem routes – monitor at the same time of year.

Management Options: Education; obliterate excess routes; signs; limit use (reduce group size, numbers per day, etc.); build trail.



Spry Canyon exit route (note numerous eroded trails)

Zone: All

Item Monitored: Mexican Spotted Owl

Indicator: Spotted owl nesting and fledging

Standard : No evidence of adverse effect from human activity.

Monitoring Method and Schedule: Continue to monitor nest sites on a yearly basis. Continue to search for new nest sites as time and money allow.

Management Options: Limit number of day hikers; limit day use beyond a certain point; close canyon during critical nesting periods; move campsite; close area to camping.



Mexican Spotted Owls